



Career and Technical Education Section

*Building a Culture  
of Student Success*

**2004-2005  
State/School District  
Accountability Report  
Completer Status**

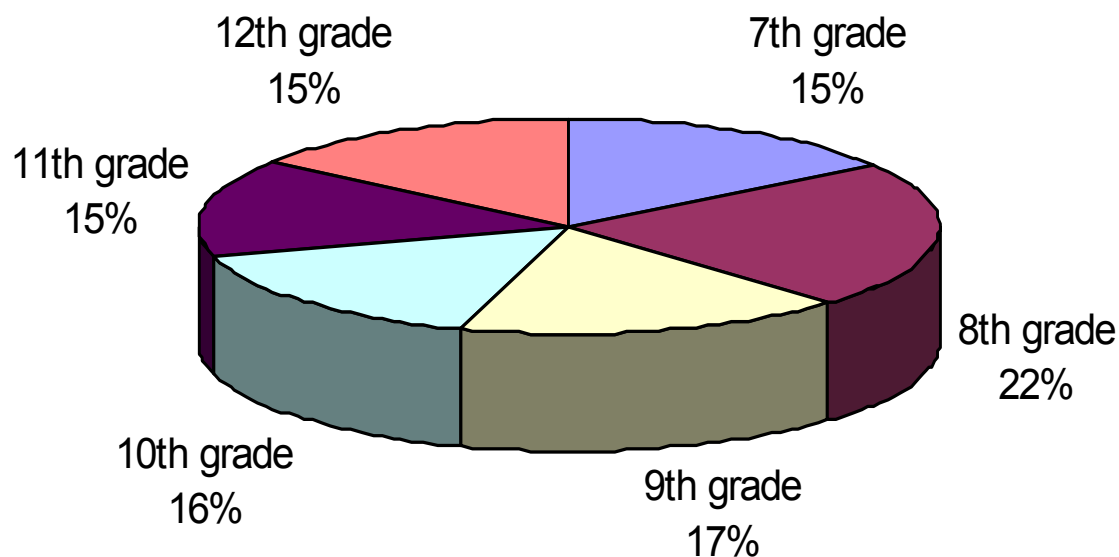
[2003-2004 Report Cards](#)

# Career and Technical Education (CTE)

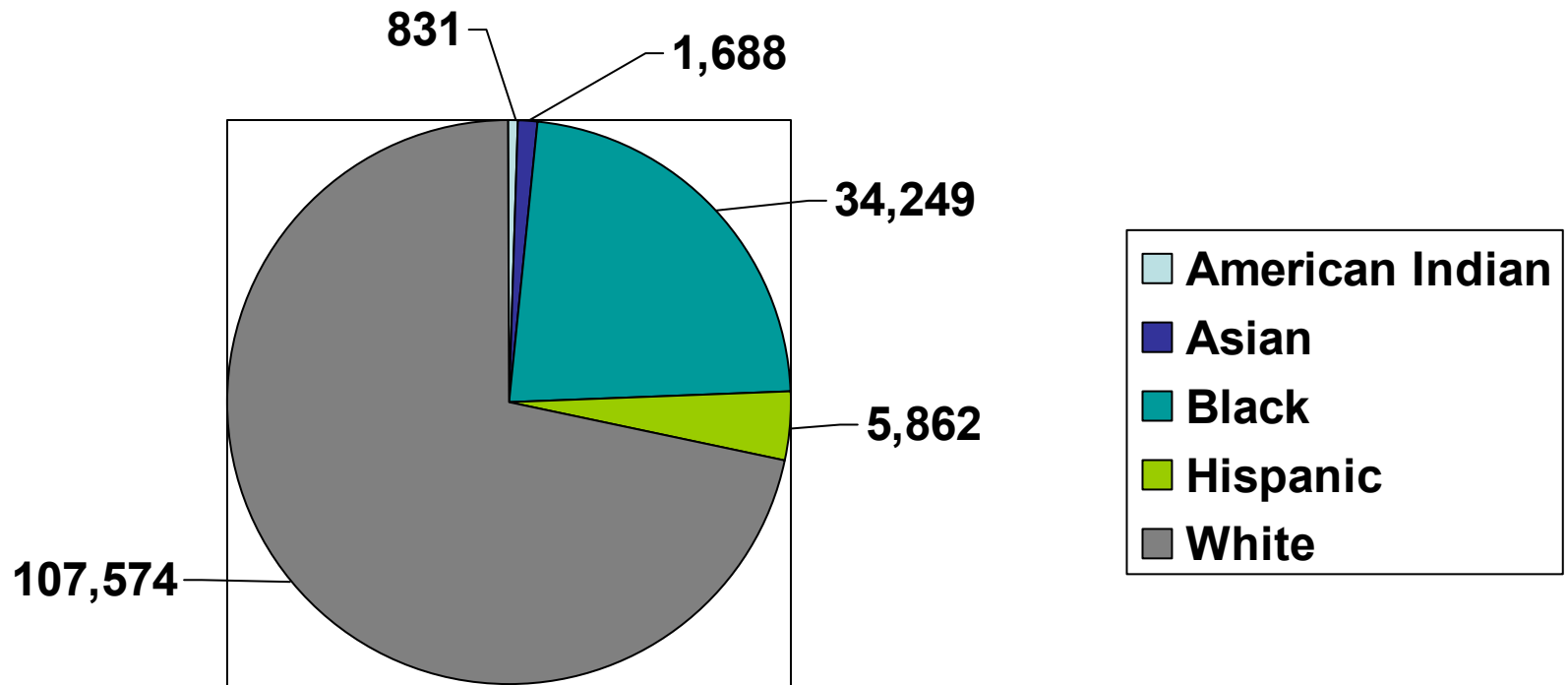
## State statistics

	2002/03	2003/04
•		
• Number of students in grades 7-12 enrolled in at least one career and technical education course:	133,874(69%)	150,038 (73%)
• Number of concentrators:	10,341	12,883
• Number of completers:	7,553	7,841
• Placement of completers:		
Further education	57%	59%
Employed	33%	31%
Military	4%	4%
Unemployed	6%	6%

# Secondary CTE Students by Grade

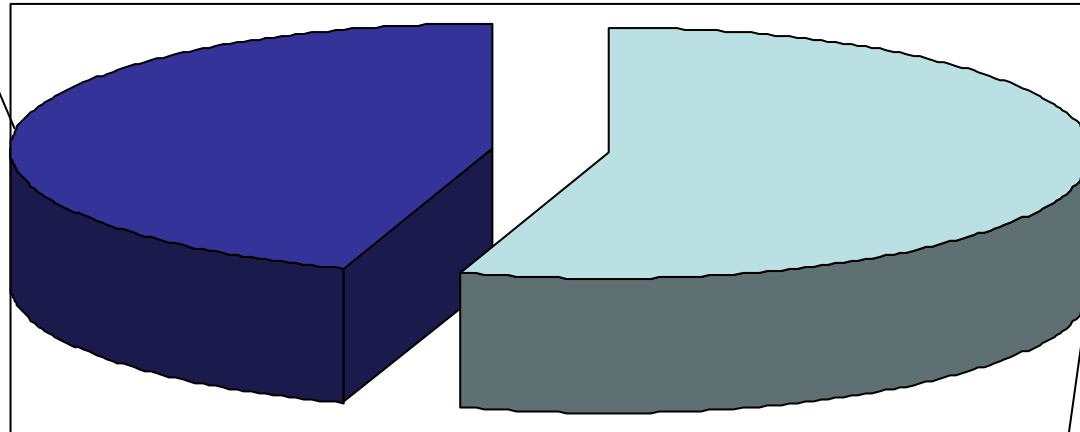


# CTE Students by Ethnicity



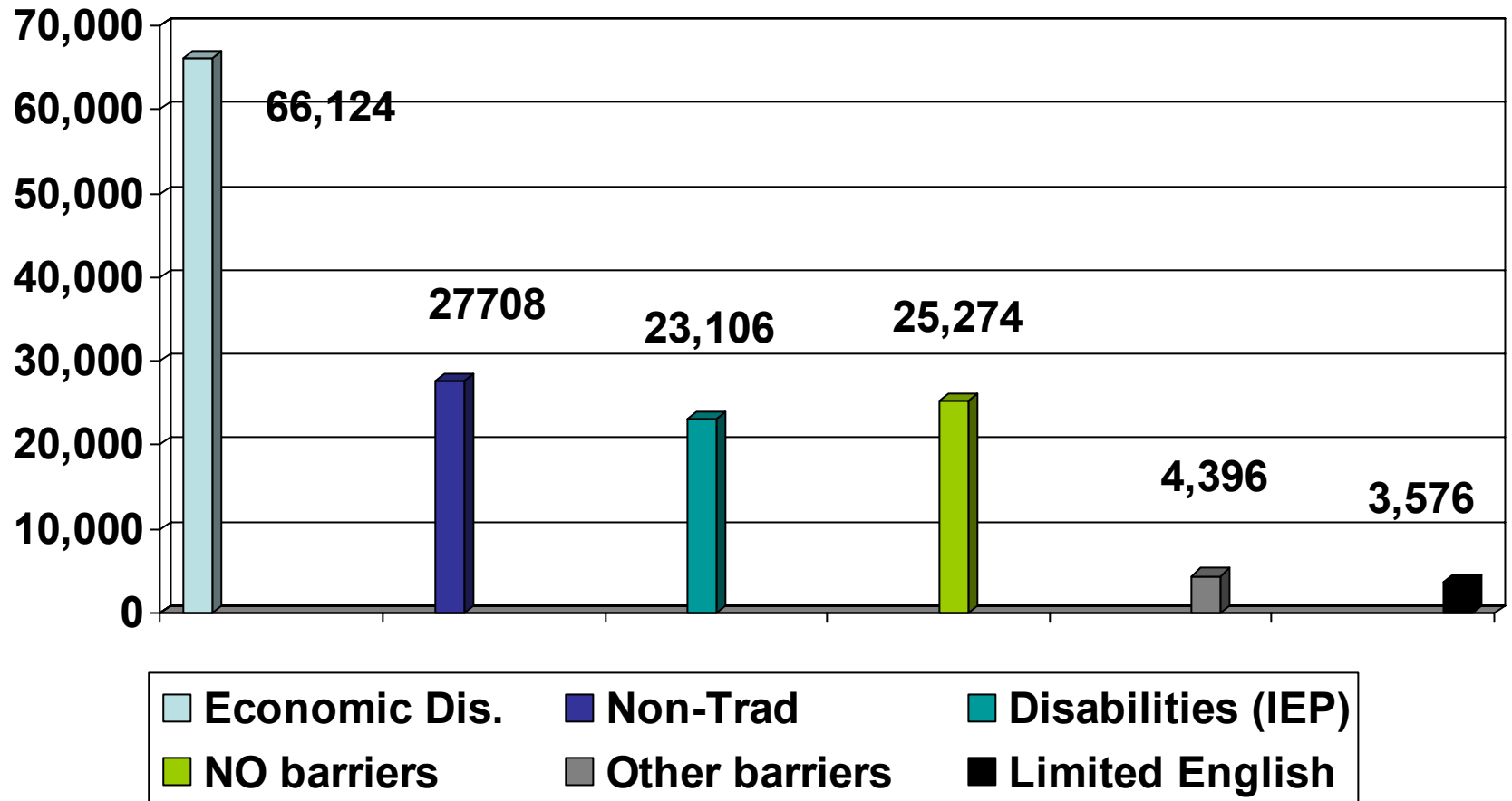
# CTE Students by Gender

**Female**  
**72,545**

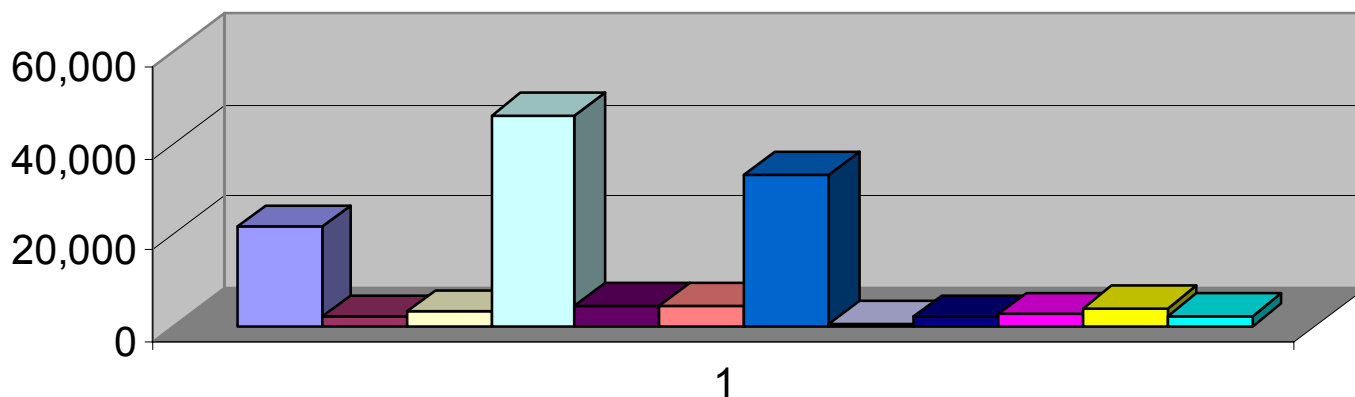


**Male 88,404**

# Barriers for CTE Students

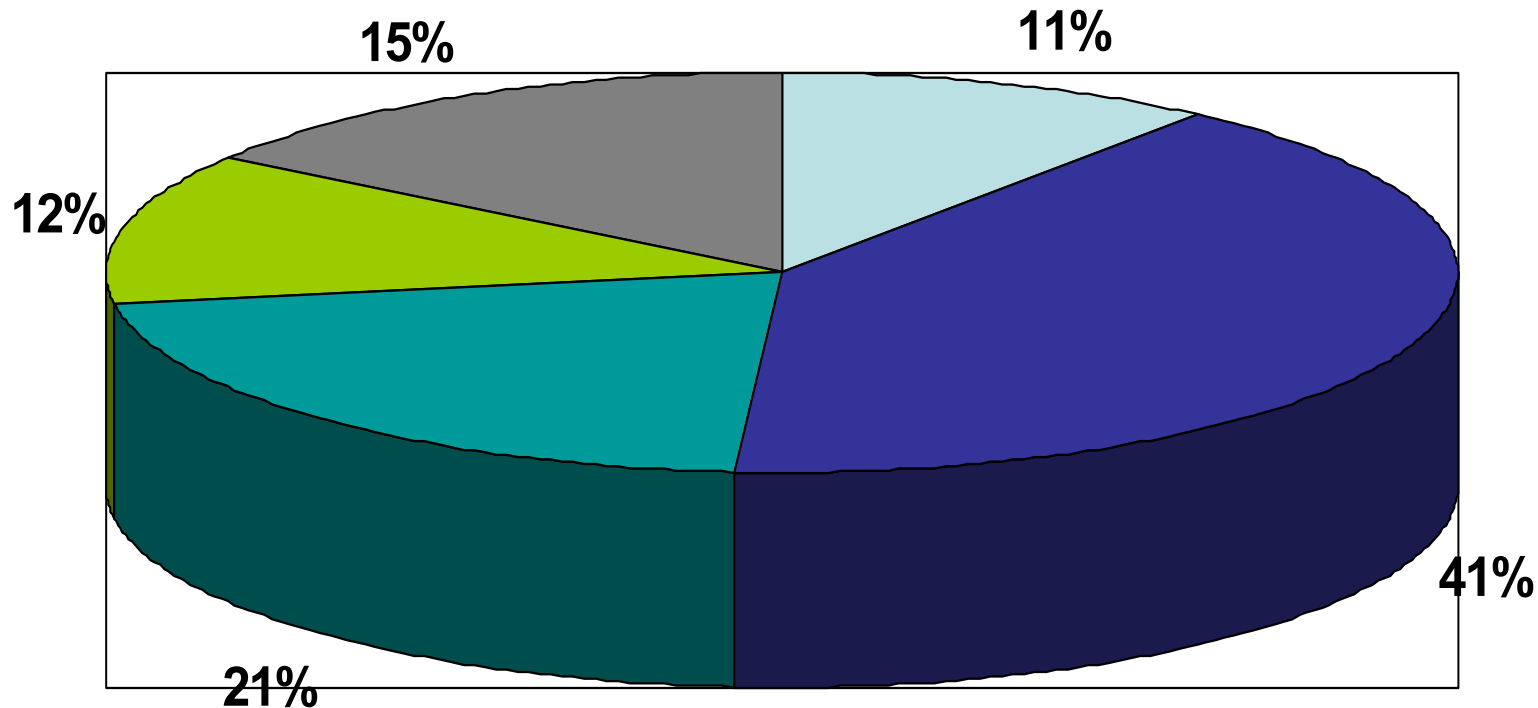







# CTE Student Enrollment by Cluster



- Agriculture, Food & Natural Resources
- Architecture & Construction
- Arts, A/V Technology & Communications
- Business Management & Administration; Finance; and Information Technology
- Government & Public Administration
- Health Science
- Hospitality & Tourism; Human Services; and Education & Training
- Law, Public Safety & Security
- Manufacturing
- Marketing, Sales & Service
- Science, Technology, Engineering & Mathematics
- Transportation, Distribution & Logistics

## CTE Student Numbers by Occupational Area



- |  |  |
|--|--|
|  Agriculture Science & Technology |  Business /Marketing Technology |
|  Family & Consumer Sciences       |  Technical & Professional       |
|  Career Orient & Workplace Read.  |  |

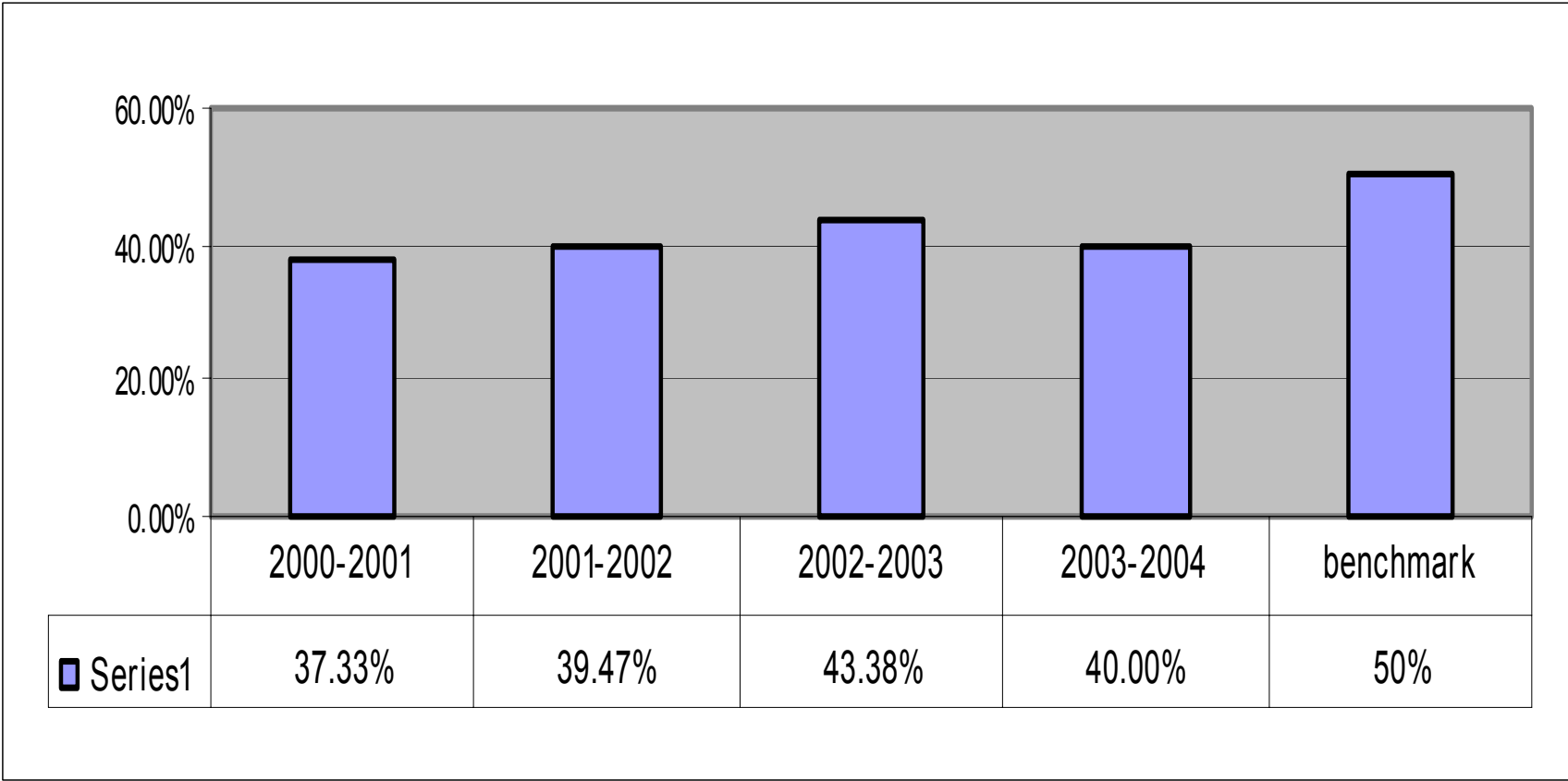


# Academic Achievement

State Average 40%    Benchmark 50%

Measured by improved SAT 9 scores  
for CTE concentrators

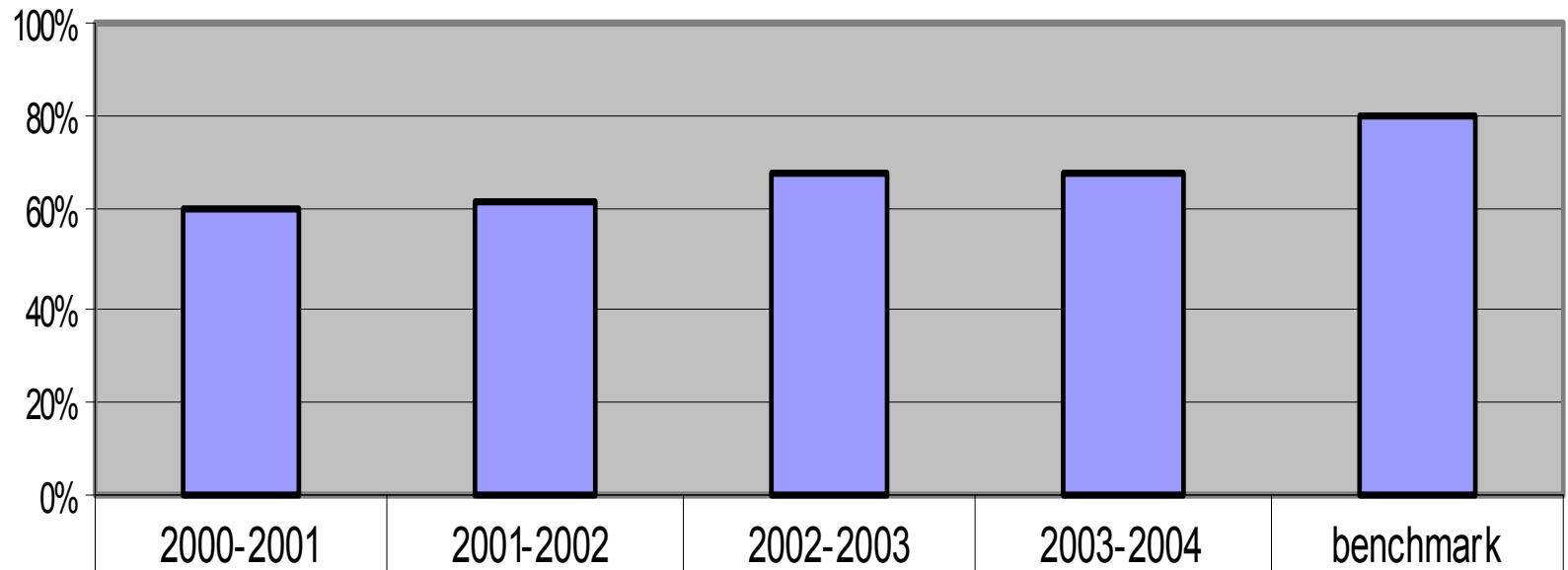
(students taking two units in the same program)



# Vocational Skill Attainment

State Ave. 68% Benchmark 80%

Demonstrated by end-of-course  
Web-based assessment



■ Series1

60%

62%

68%

68%

80%

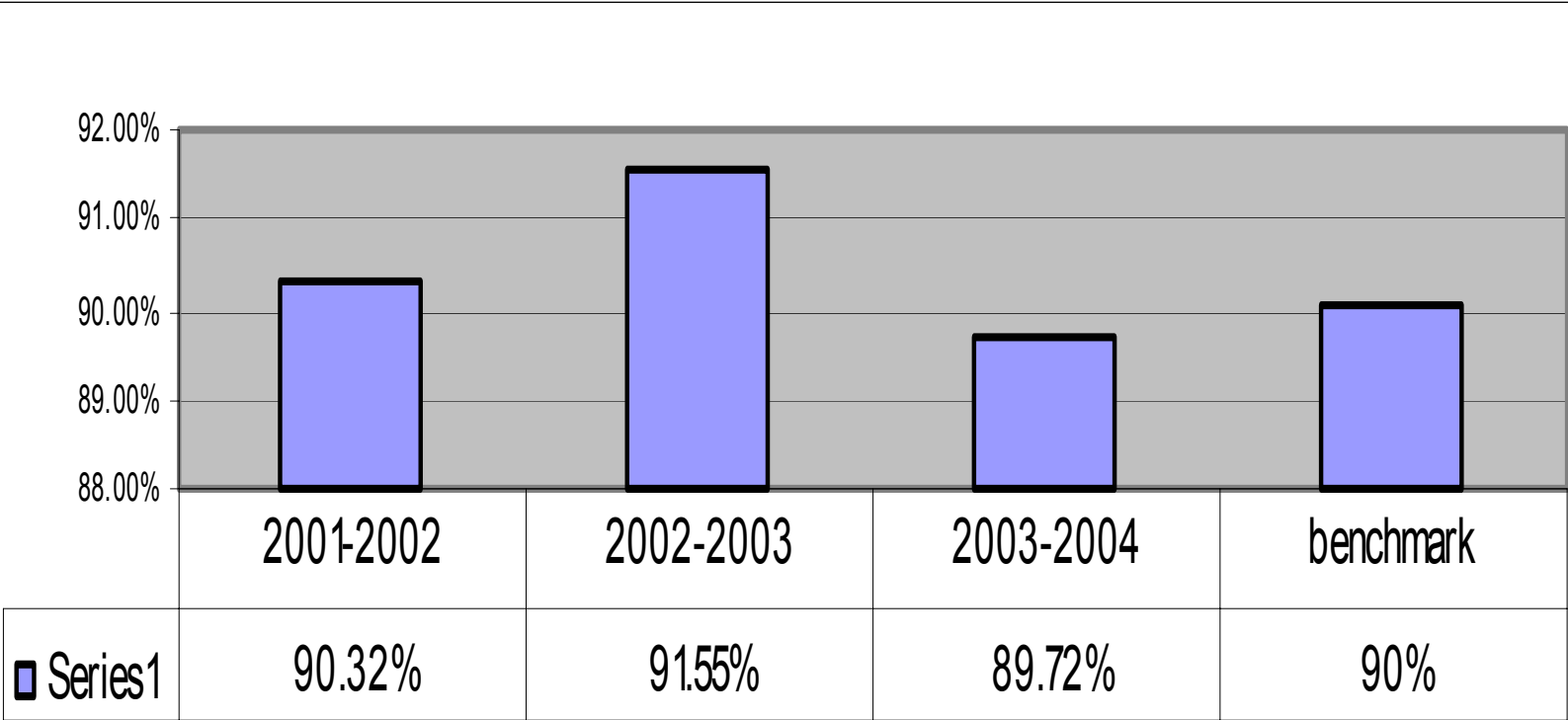
# Graduation Rate of Concentrators

State Average

89.72%

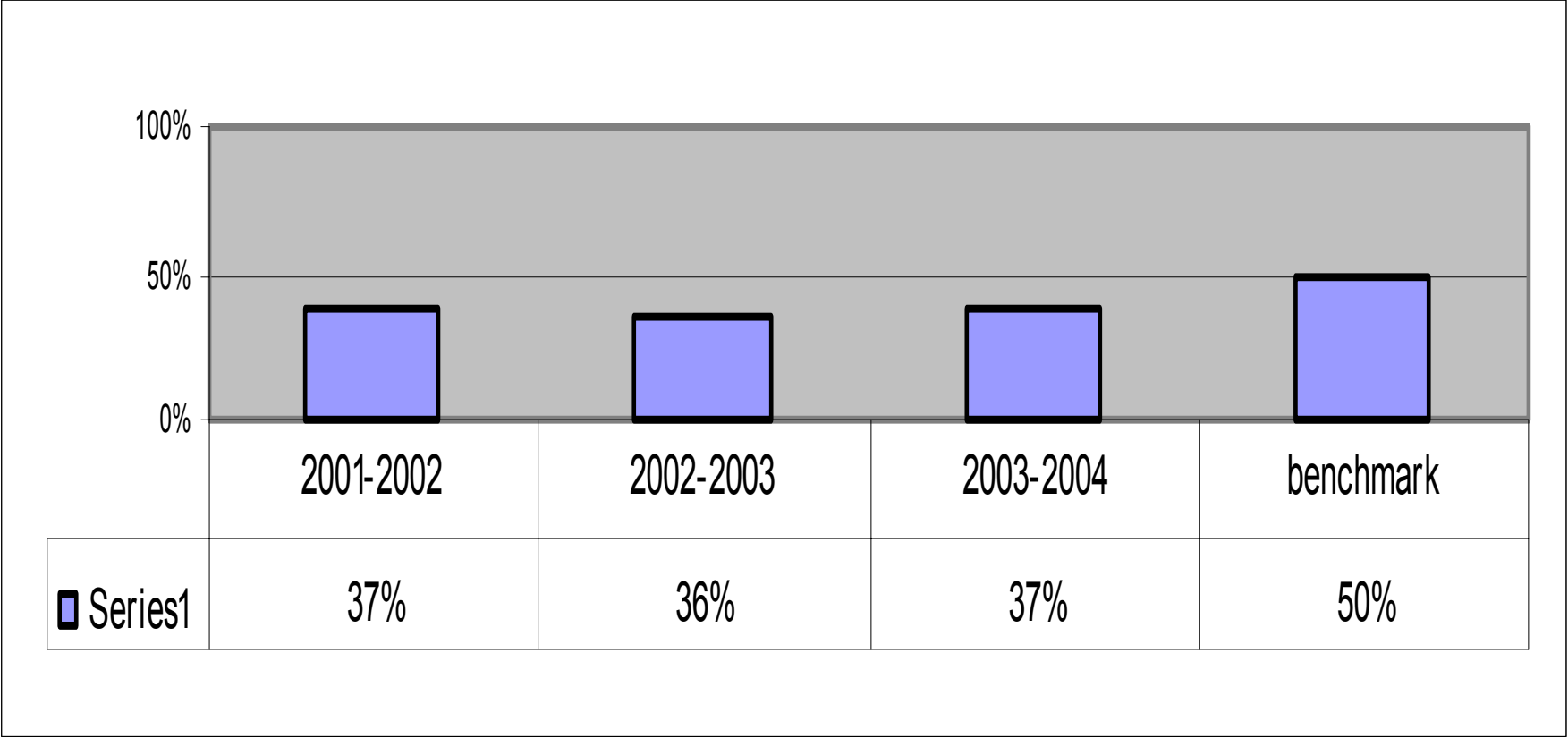
Benchmark

90%



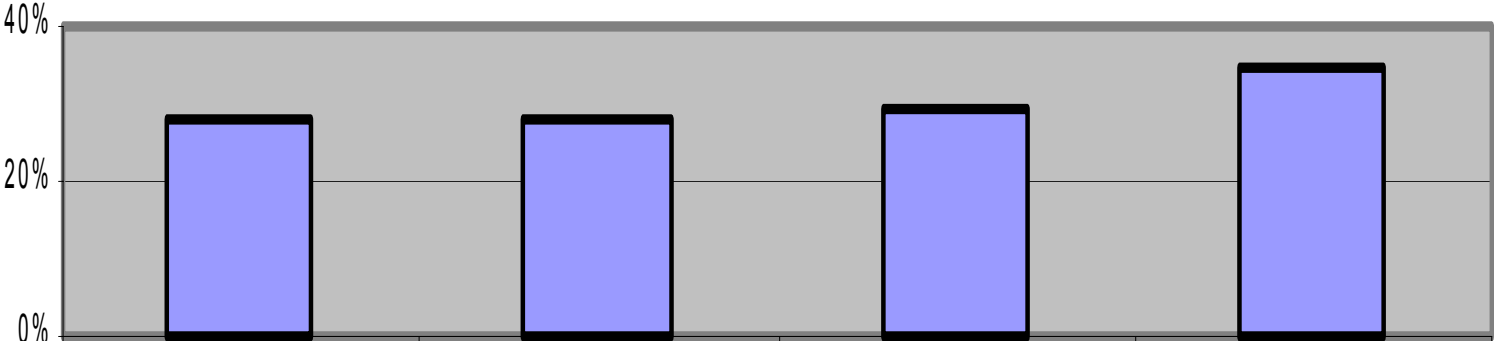
# Seniors Enrolled in Career and Technical Education Completing a Program of Study

State Average 37%      Benchmark 50%



# Completers vs. Graduates

State Average      29%  
Benchmark        35%

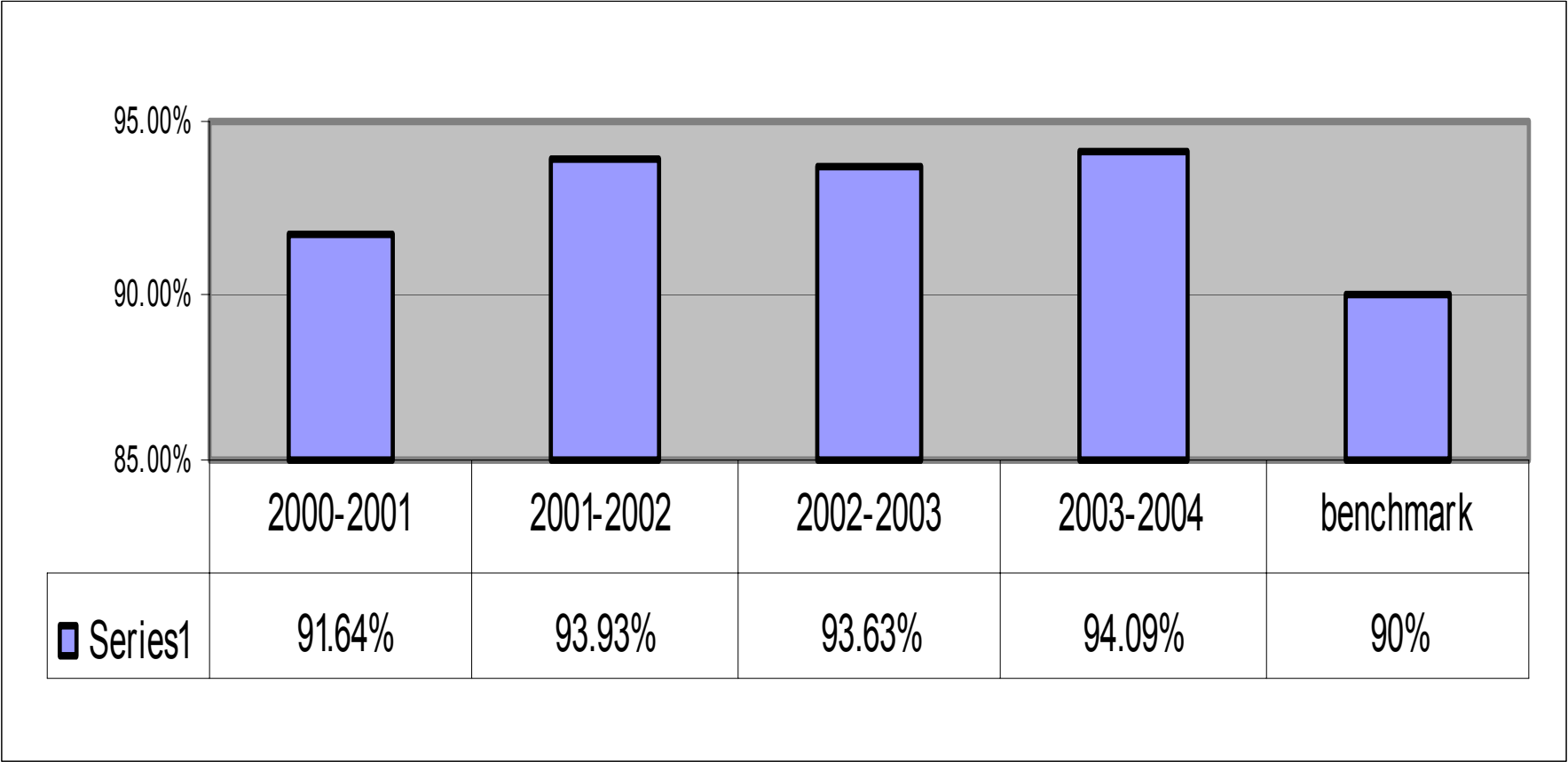


Series1	28%	28%	29%	35%
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# Placement Rate of Completers

State Average  
Benchmark

94.09 %  
98%



# Top Two State Schools by CTE Indicators

District Name		Voc Skill Rating	Acad Rating	Rating Comp To Grad	Placement Rating	Grad Rating	Comp To Sen Rating	
Melbourne School District		Significantly Above Benchmark	Significantly Above Benchmark	Significantly Above Benchmark	Significantly Above Benchmark	Significantly Above Benchmark	Significantly Above Benchmark	
Parkers Chapel School District		Significantly Above Benchmark	Significantly Above Benchmark	Significantly Above Benchmark	Significantly Above Benchmark	Significantly Above Benchmark	Significantly Above Benchmark	

# Schools Approaching and/or Above Benchmark in all Areas

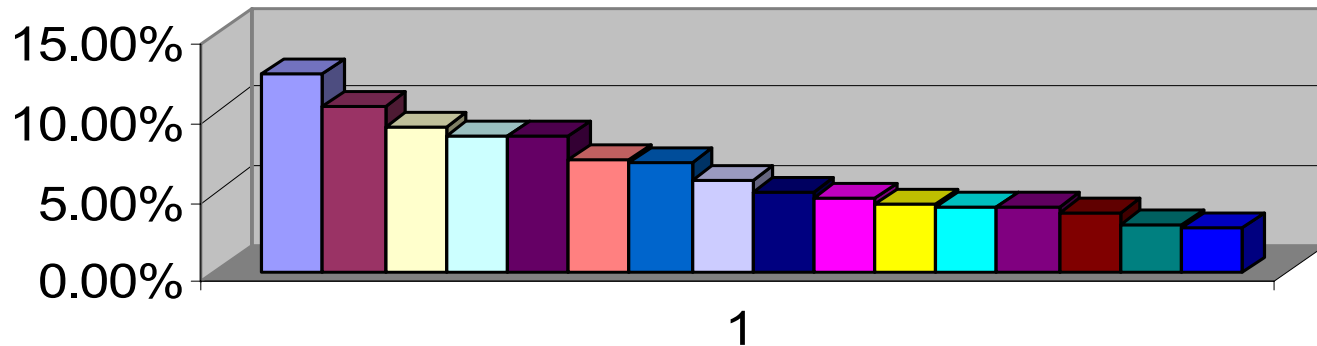
Bald Knob School District
Bay School District
Buffalo Is. Central School District
Charleston School District
Cotter School District
Elkins School District
Emerson-Taylor School District
Greenbrier School District
Greene Co. Tech School District
Greenwood School District
Guy-Perkins School District
Huntsville School District

Lavaca School District
Maynard School District
Mount Ida School District
Mountain View School District
Omaha School District
Ozark School District
Pangburn School District
Paris School District
Prescott School District
Quitman School District
Salem School District
Trumann School District
Vilonia School District



# Student Interest by Career Cluster

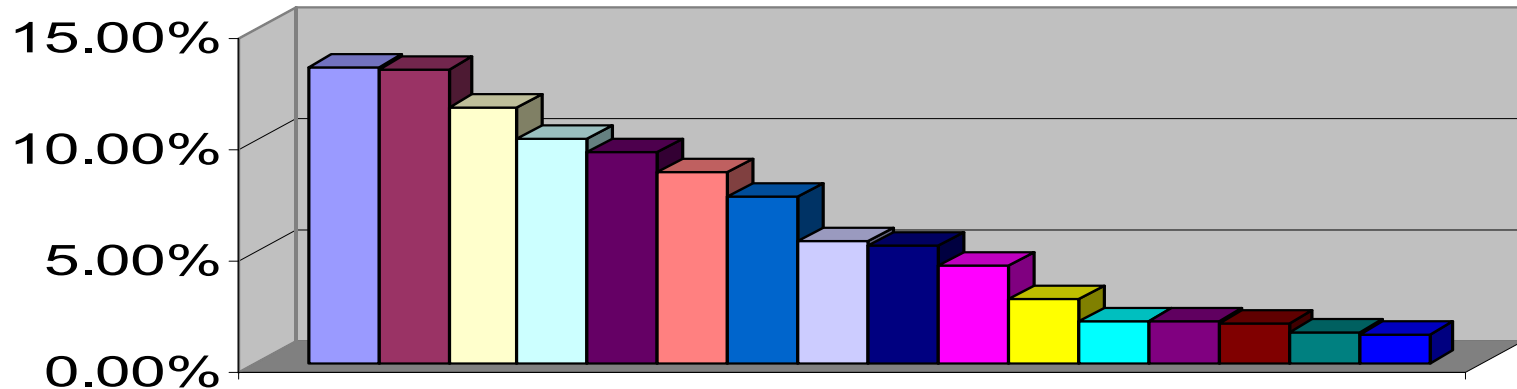
all Arkansas Students (89,000 PLUS)



- Law, Public Safety, and Security
- Agriculture, Food, and Natural Resources
- Business, Management, and Administration
- Health Science
- Architecture and Construction
- Science, Technology, Engineering, and Mathematics
- Marketing, Sales, and Service
- Finance
- Government and Public Administration
- Arts, Audio-Video Technology, and Communications
- Human Services
- Education and Training
- Manufacturing
- Transportation, Distribution, and Logistics
- Hospitality and Tourism
- Information Technology

# Student Interest by Career Cluster

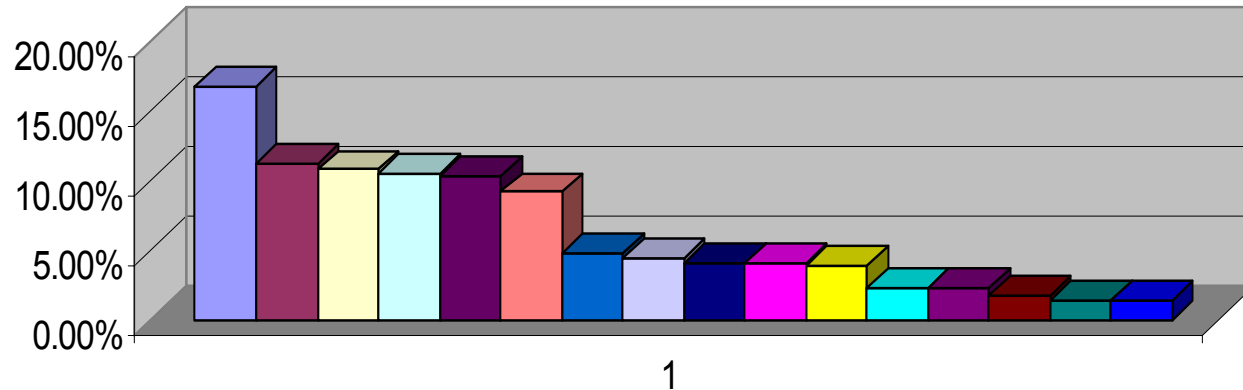
All Arkansas Male Students



- Agriculture, Food, and Natural Resources
- Architecture and Construction
- Law, Public Safety, and Security
- Science, Technology, Engineering, and Mathematics
- Business, Management, and Administration
- Marketing, Sales, and Service
- Human Services
- Education and Training
- Transportation, Distribution, and Logistics
- Finance
- Health Science
- Manufacturing
- Government and Public Administration
- Arts, Audio-Video Technology, and Communications
- Hospitality and Tourism
- Information Technology

# Student Interest by Career Cluster

All Arkansas BLACK Male Students



Law, Public Safety, and Security

Business, Management, and Administration

Agriculture, Food, and Natural Resources

Human Services

Education and Training

Transportation, Distribution, and Logistics

Manufacturing

Arts, Audio-Video Technology, and Communications

Science, Technology, Engineering, and Mathematics

Architecture and Construction

Marketing, Sales, and Service

Finance

Health Science

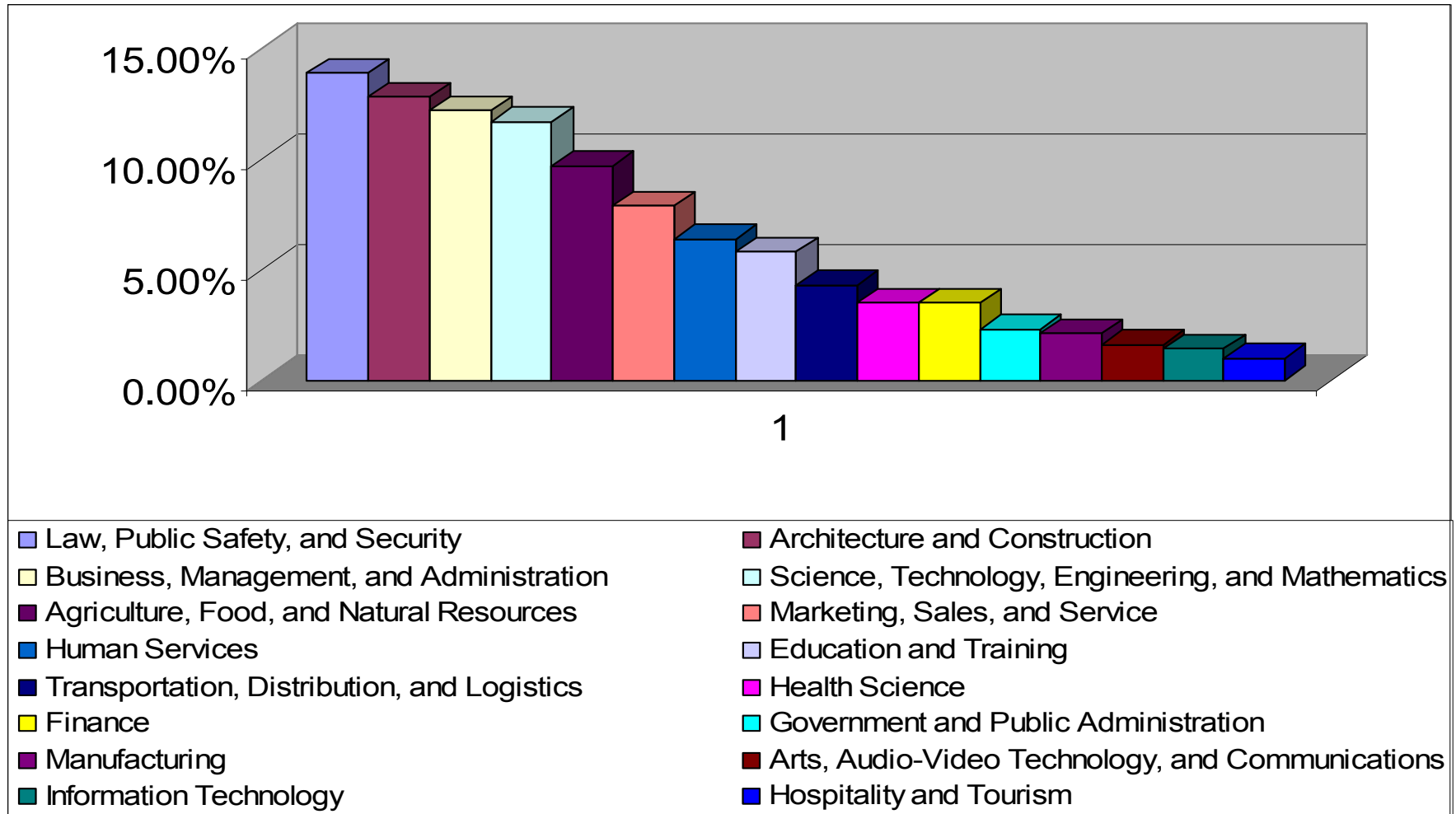
Government and Public Administration

Hospitality and Tourism

Information Technology

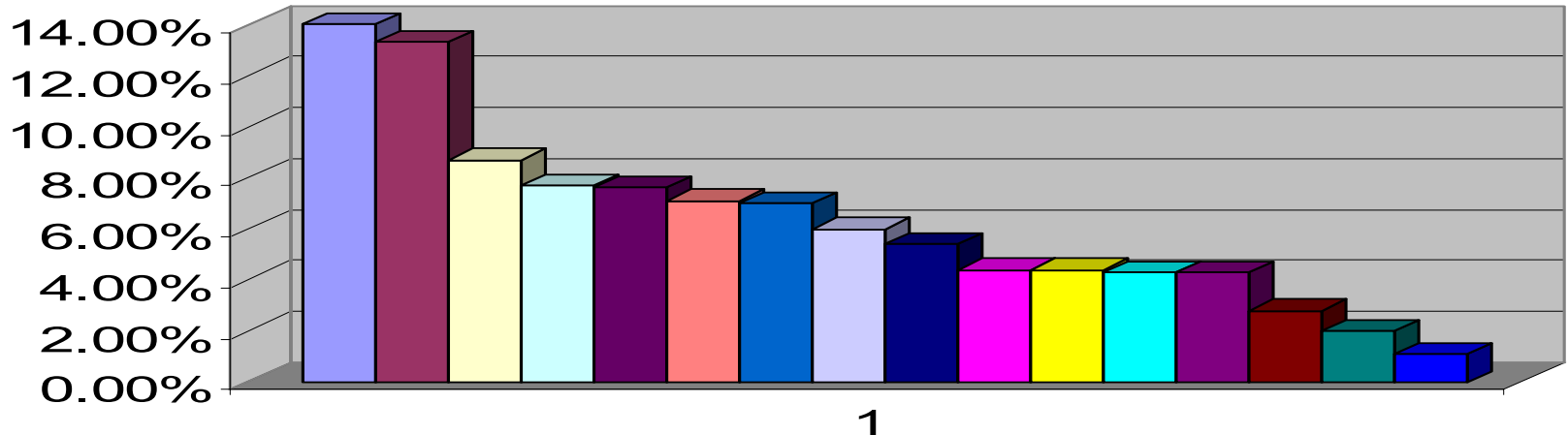
# Student Interest by Career Cluster

all Arkansas HISPANIC Male Students



# Student Interest by Career Cluster

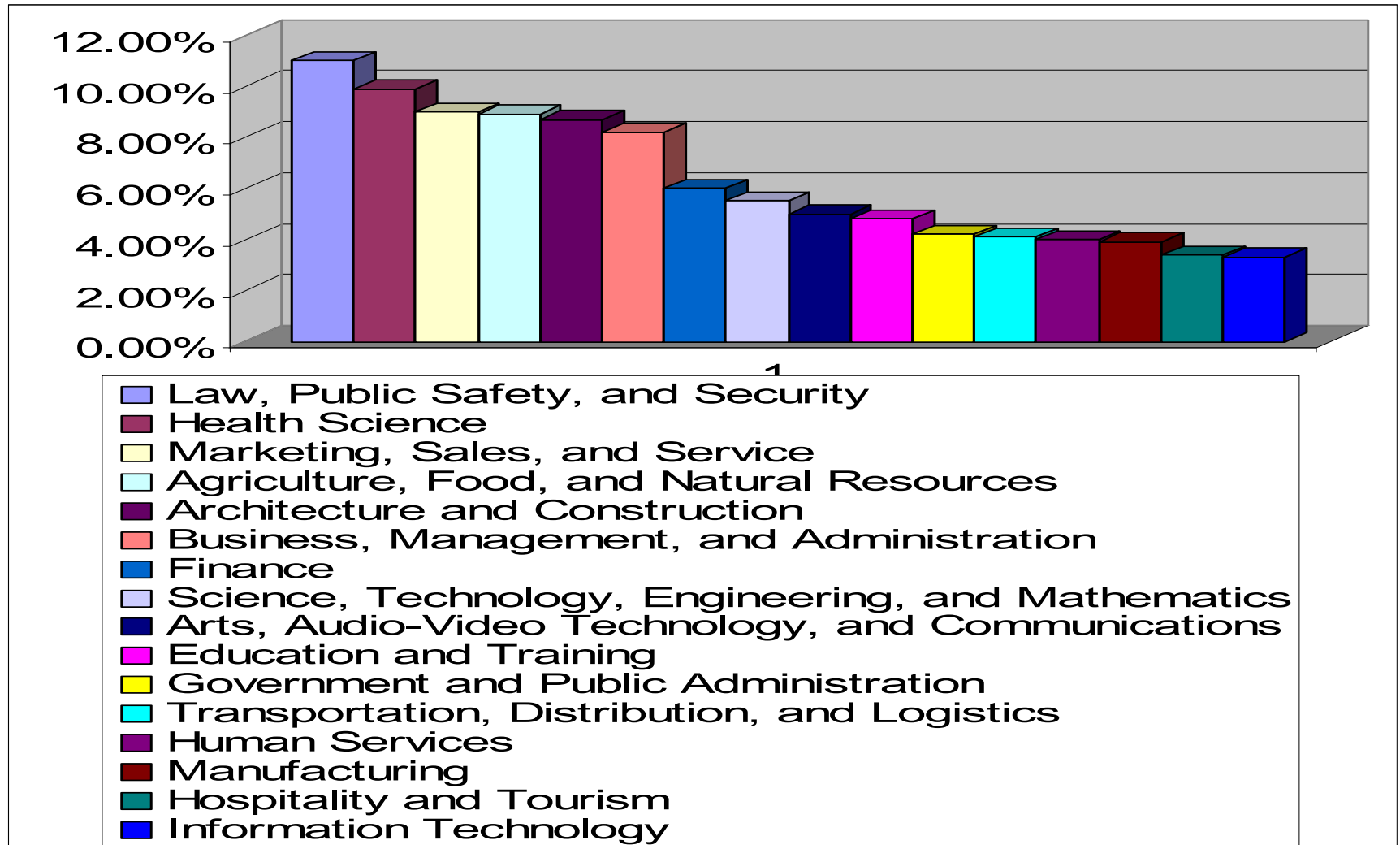
all Arkansas Female Students



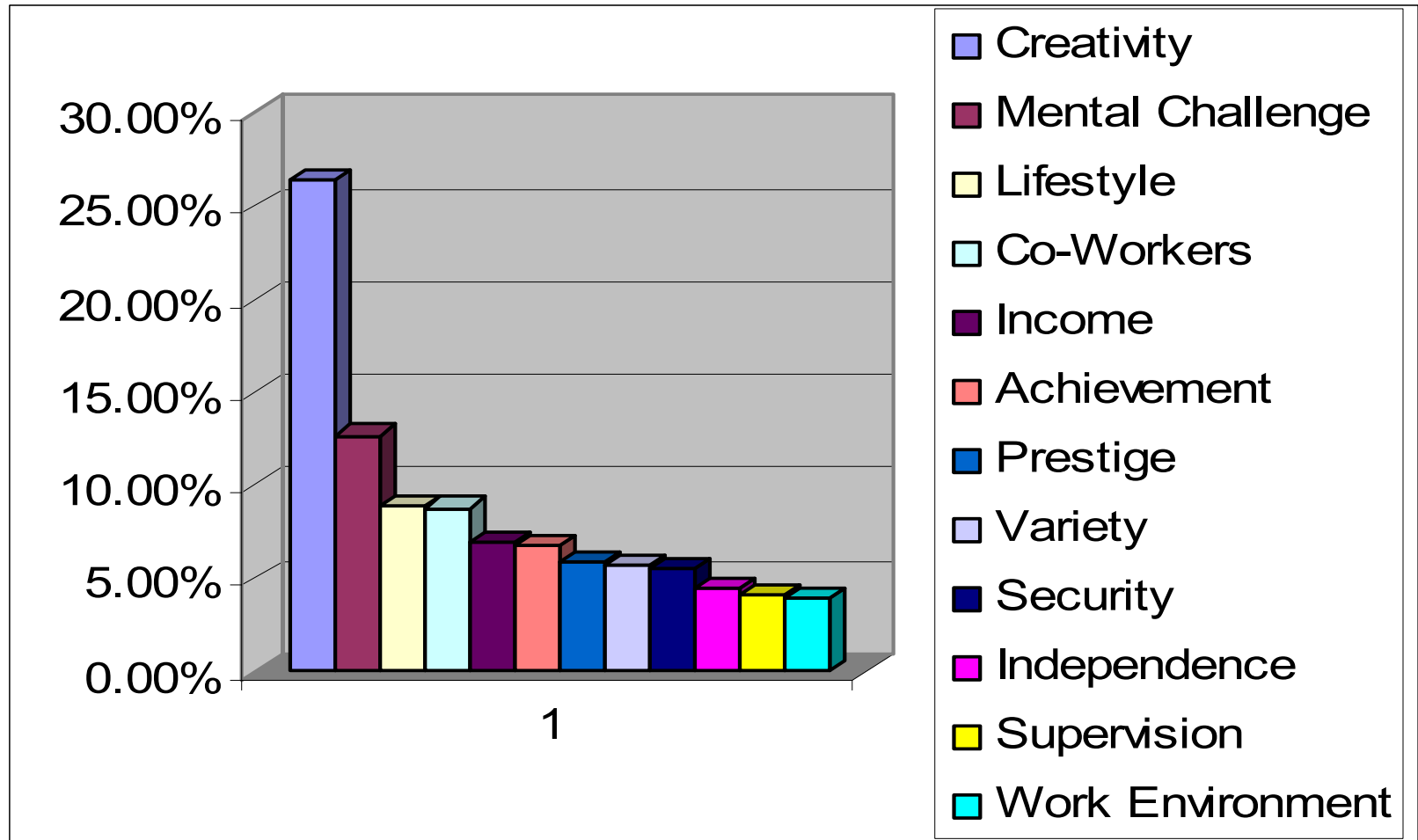
- Health Science
- Law, Public Safety, and Security
- Business, Management, and Administration
- Agriculture, Food, and Natural Resources
- Government and Public Administration
- Arts, Audio-Video Technology, and Communications
- Finance
- Manufacturing
- Marketing, Sales, and Service
- Science, Technology, Engineering, and Mathematics
- Hospitality and Tourism
- Information Technology
- Architecture and Construction
- Education and Training
- Transportation, Distribution, and Logistics
- Human Services

# Student Interest by Career Cluster

All Arkansas Seniors



# Work Values of Arkansas Students



**ARKANSAS PUBLIC COLLEGE**

**CAREER AND  
TECHNICAL  
COMPLETER  
STUDENT  
FOLLOWUP**

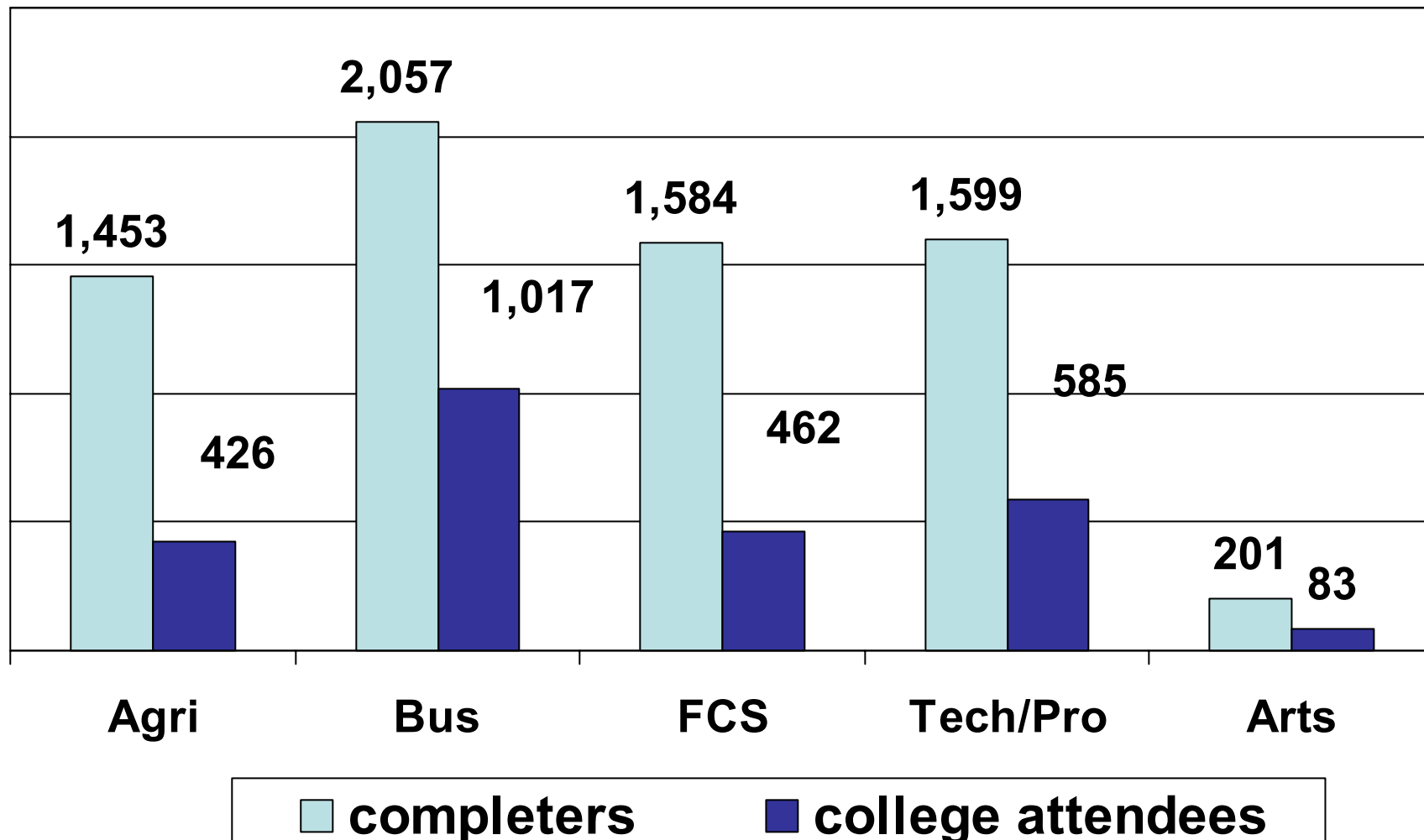


# CTE Completers in Arkansas Higher Education

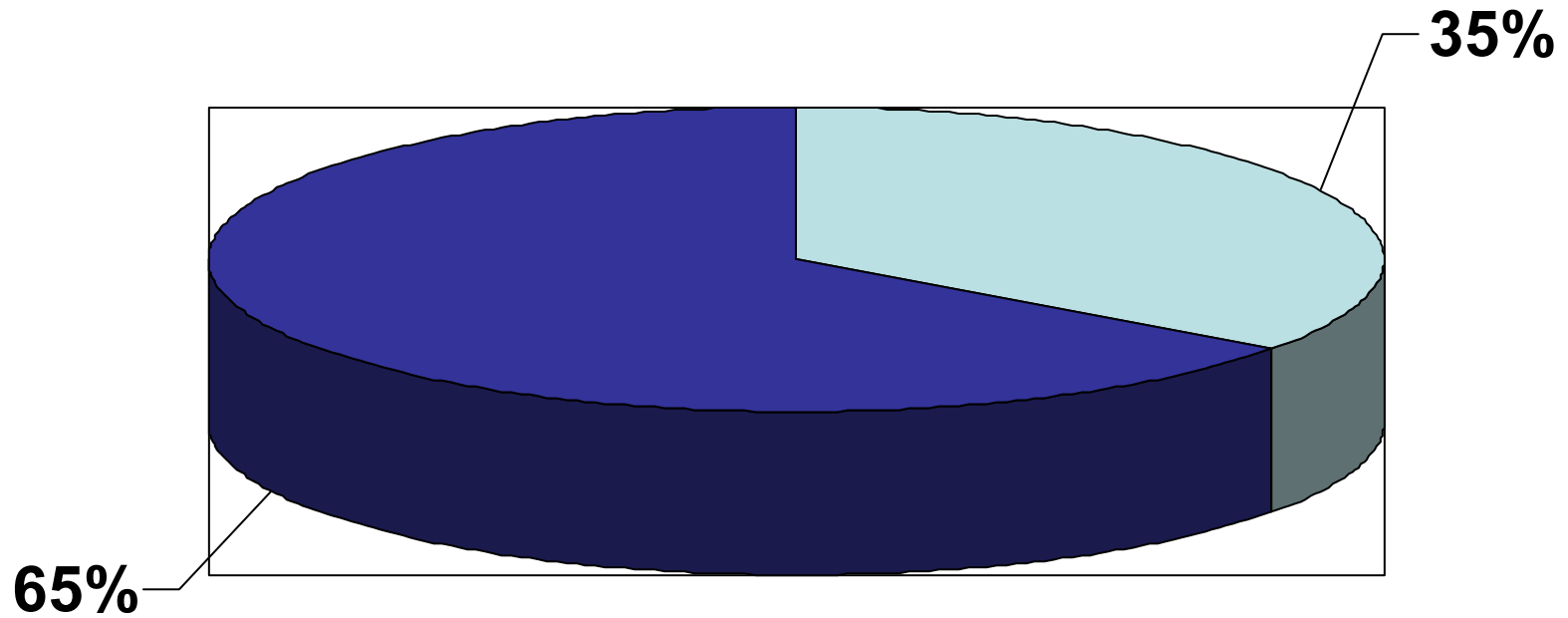
**7,526 (or 28%) of 26,984  
Graduating Seniors in 2002  
Completed a Program of Study in  
CTE**

**2,789 (or 37%) of CTE Completers  
Attended an Arkansas  
Postsecondary College**

# Completers Attending College by Area

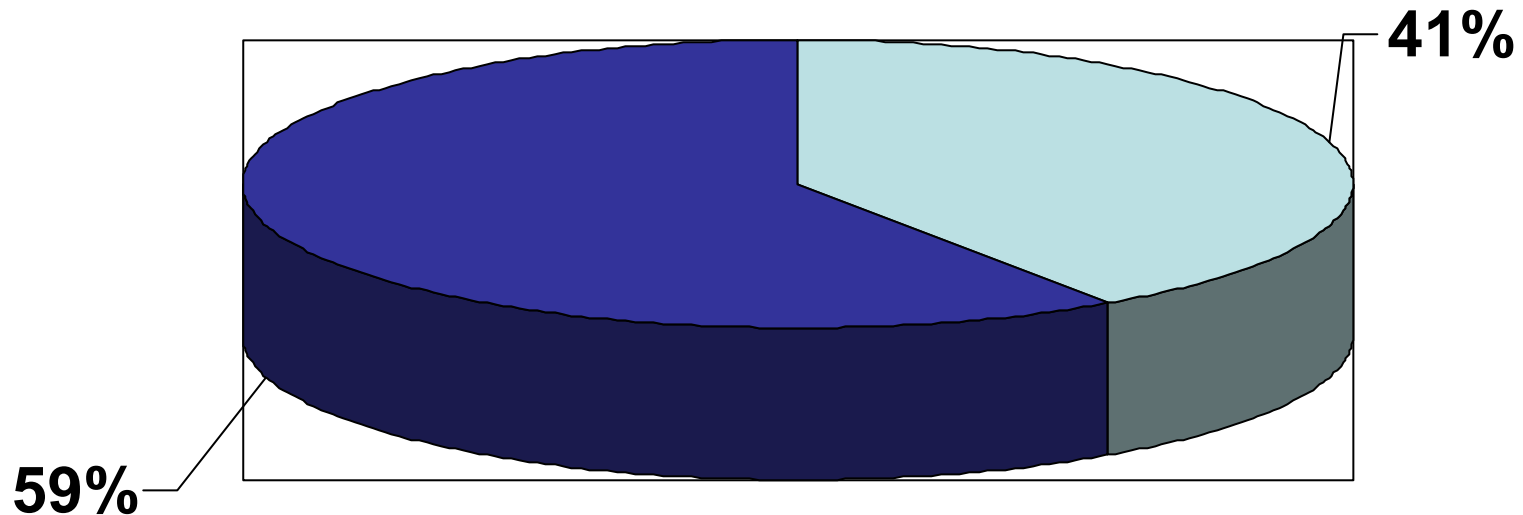


# Completer Enrollment 2- and 4-Year Colleges

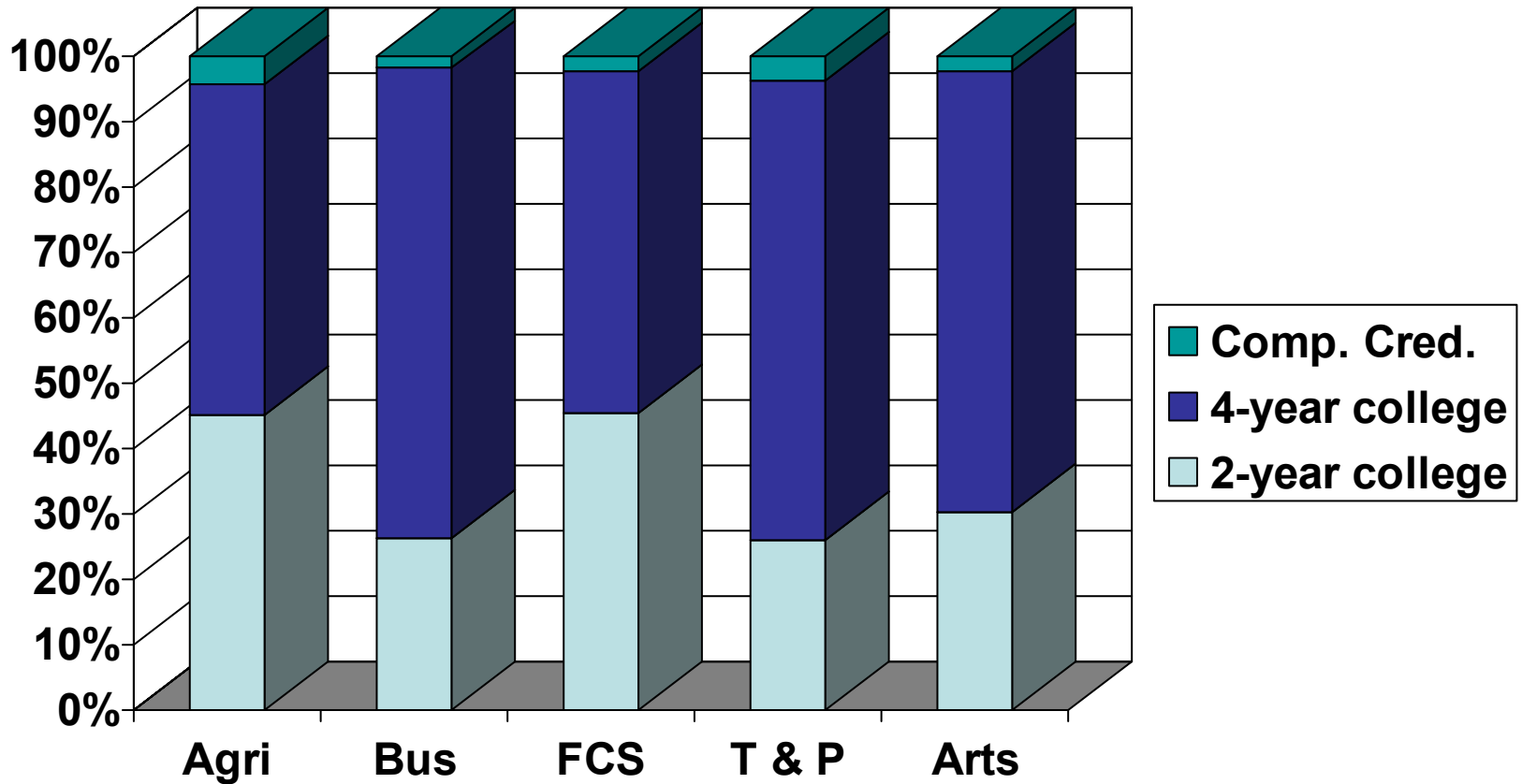


■ 2-year college ■ 4-year college ■ Completed Cred. 3%

# Tech Prep Completer Enrollment in 2- and 4-year Colleges

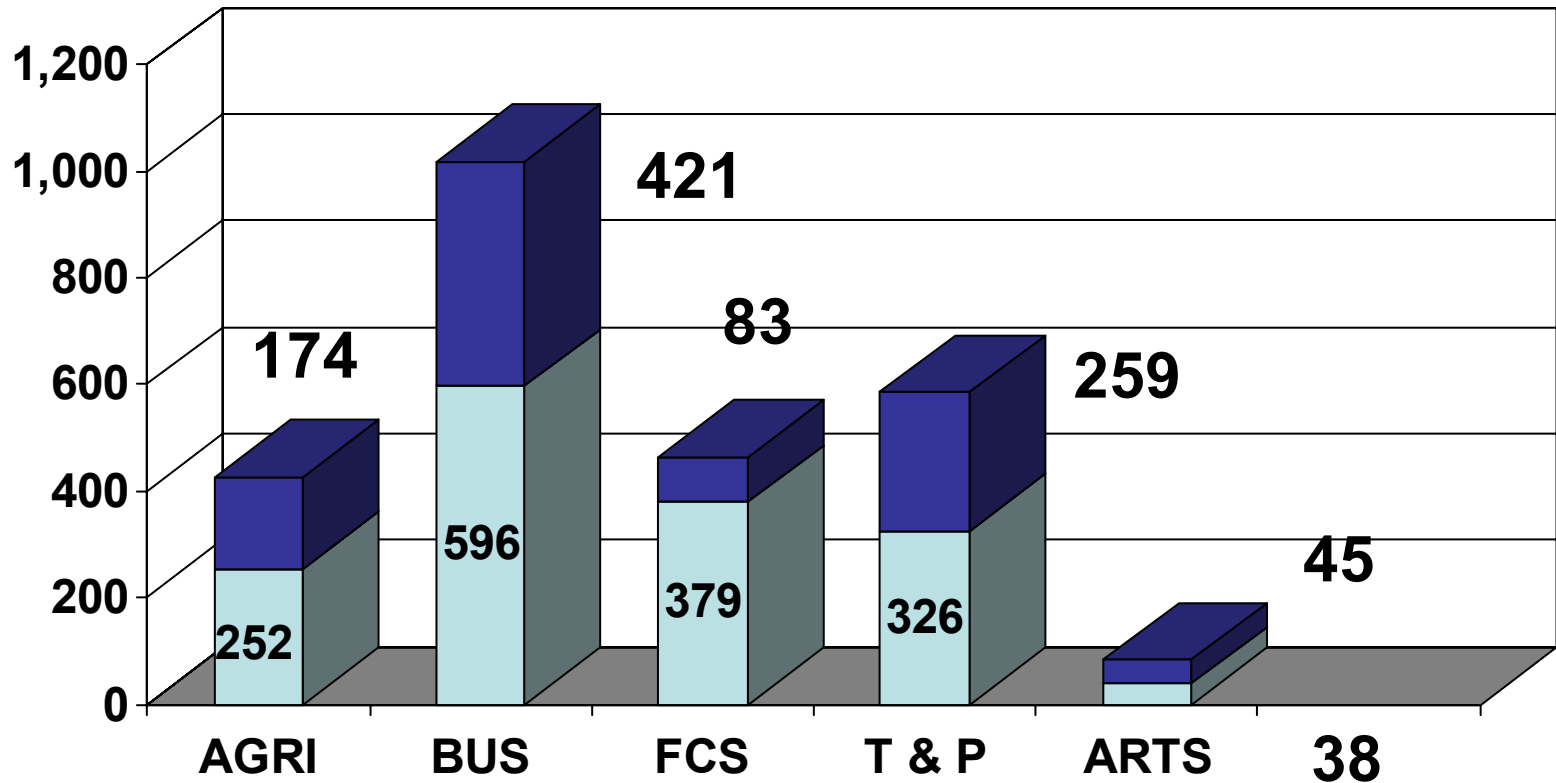


# CTE & 2- and 4-year Enrollment by Occupational Area



# CTE Students by Area Who Need Remediation

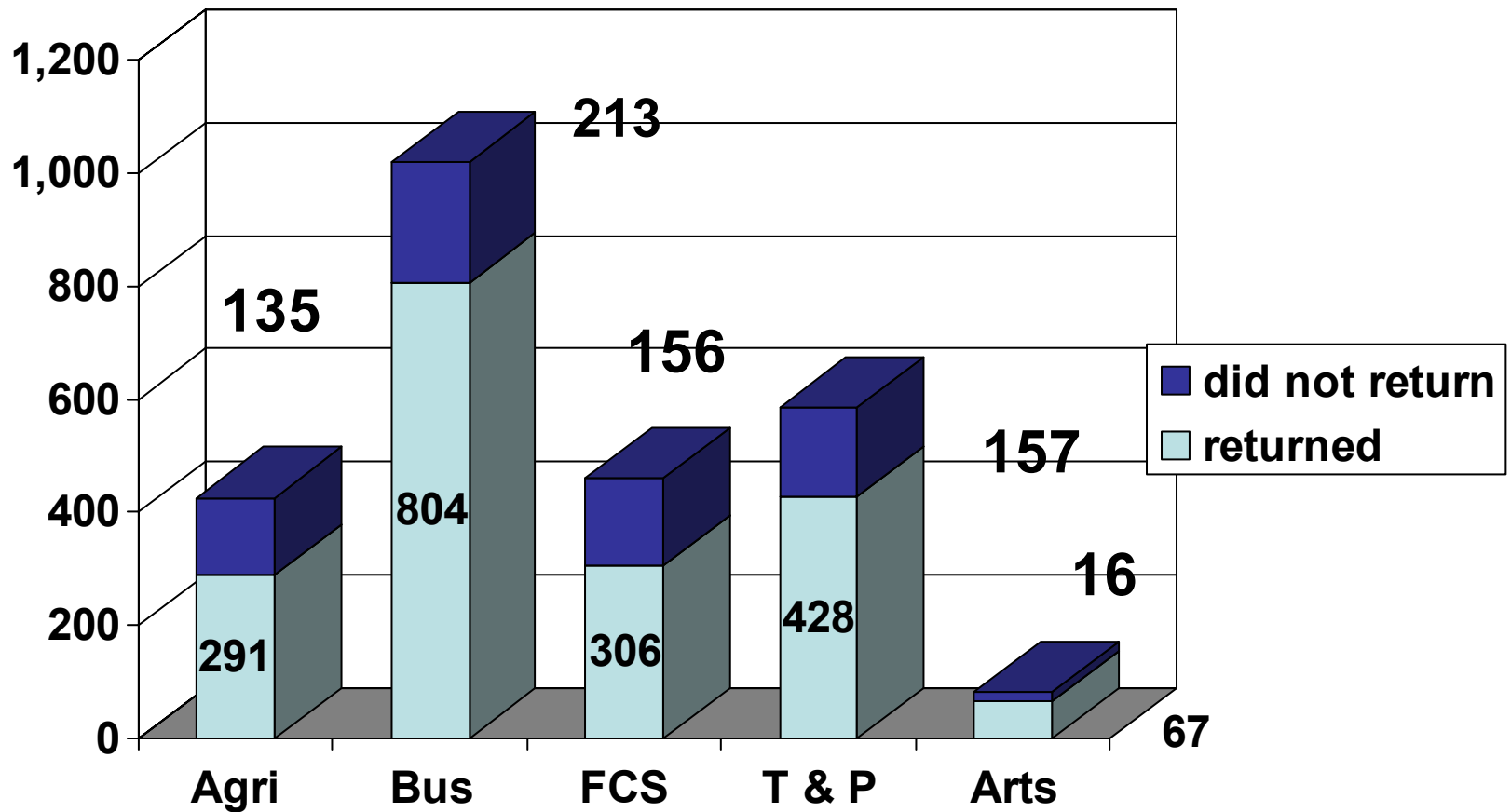
(State Average 59% 2001)



needs remediation

no remediation

# CTE Completers Who Persist to Their Sophomore Year



# College Follow-up of ALL CTE Completers

- Remediation Rate 2001- 67%
- Remediation Rate 2002- 63%
- Retention Rate 2001- 77%
- Retention Rate 2002- 72%



# College Follow-up of Tech-Prep CTE Completers

- Remediation Rate 2001- 62%
- Remediation Rate 2002- 52%
- Retention Rate 2001- 80%
- Retention Rate 2002- 78%

# College Follow-up of CTE Completers

- CTE students taking college prep curriculum
- 51% Remediation
- CTE students NOT taking college prep curriculum
- 90% Remediation

# College Follow-up of CTE Completers

- CTE students taking college prep curriculum
- 75% Retention
- CTE students NOT taking college prep curriculum
- 62% Retention